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**TO:** Examiner A M. Thompson

**COMPANY:** US PTO

**FROM:** Mani Adeli

**PAGES:** 12 (including this page)

Examiner A M. Thompson:

Attached to this fax, please, find the 1449 Forms for the IDSs for SPLX.P0014 (submitted on 11/13/03 and 10/08/03). We have noticed that IDSs take a long time to reach the Examiner, so we are forwarding you these IDSs to let you know that they are currently pending.

Regards,

Mani Adeli

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Phone No. (650) 752-0990 x102  
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Substitute for Form 1449A/PTO				Application Number	09/739,589
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	12/15/00
(use as many sheets as necessary)				First Named Inventor	Steven Teig
Sheet	1	of	7	Group Art Unit	2825
				Examiner Name	A.M.Thompson
				Attorney Docket Number	SPLX.P0014

## U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document Number	Kind Code* (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages, or Relevant Figures Appear
1.	2001/0009 031		A1	07-19-2001	Nitta et al.	
2.	2002/0182 844		A1	12-05-2002	Igarashi et al.	
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Sheet	2	of	7	Examiner Name	A.M.Thompson
				Attorney Docket Number	SPLX.P0014

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				Group Art Unit	2825
				Examiner Name	A.M.Thompson
Sheet	3	of	7	Attorney Docket Number	SPLX.P0014

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Examiner's Initials	Cite No.	Foreign Patent Document Office <sup>3</sup>	Kind Cited (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figure Appear	T C
45.	JP	411296560	A	Matsumoto et al.	10-29-1999	with English translation of Abstract;	
46.	JP	2000-82743	A	Igarashi et al.	03-21-2000	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
47.	JP	H03-173471	A	Tawada et al.	07-26-1991	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
48.	JP	H05-243379	A	Masako Kubota	09-21-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
49.	JP	H05-102305	A	Akihiro Sato	04-23-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓

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Application Number	09/739,589
Filing Date	12/15/00
First Named Inventor	Steven Telg
Group Art Unit	2825
Examiner Name	A.M.Thompson
Attorney Docket Number	SPLX.P0014

**FOREIGN PATENT DOCUMENTS**

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Sheet	5	of	7	Group Art Unit	2825
				Examiner Name	A.M.Thompson
				Attorney Docket Number	SPLX.P0014

## FOREIGN PATENT DOCUMENTS

## NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T 6
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Sheet	6	of	7	Attorney Docket Number	SPLX.P0014

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84.	Wood, G. et al., FPGA Routing and Routability Estimation Via Boolean Satisfiability, Department of Electrical and Computer Engineering Carnegie Mellon University, Pittsburgh, PA, pp. 119-125.
85.	Zhang, C.X. et al., Floorplan Design Using a Hierarchical Neural Learning Algorithm, IEEE, 6/1991, pp. 2060-2063.
86.	Zhou, H. et al., An Optimal Algorithm for River Routing with Crosstalk Constraints, 1996.
87.	Zhou, H. et al., Global Routing with Crosstalk Constraints, Department of Computer Sciences, University of Texas, 1998, pp. 374-377.
88.	Zhou, H. et al., Optimal River Routing with Crosstalk Constraints, ACM Transactions on Design Automation of Electronic Systems, vol. 3, No. 3, July 1998, pp. 496-514.

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 STATEMENT BY APPLICANT**

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Sheet

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Application Number	09/739,589
Filing Date	12/15/00
First Named Inventor	Steven Teig
Group Art Unit	2811
Examiner Name	A.M. Thompson
Attorney Docket Number	SPLX.P0014

**RELATED U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent Document Number	Date of filing MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Related Application Data
	1.	2002/0100007	12-06-2200	Steven Teig et al.	Parent application; present application is a continuation of 2002/0100007.
	2.	2002/0133798	12-06-2000	Steven Teig et al.	Application regarding related placement technology
	3.	2002/0073390. S/N 09/737,210	12-13-2000	Steven Teig et al.	Continuation of 2002/0133798
	4.	Preliminary Amendment S/N 09/737,210	12-13-2000	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0073390 does not accurately reflect the claims of S/N 09/737,210
	5.	S/N 09/737,220	12-13-2000	Steven Teig et al.	Continuation of 2002/0133798
	6.	S/N 09/737,245	12-13-2000	Steven Teig et al.	Continuation of 2002/0133798
	7.	S/N 09/739,460	12-15-2000	Steven Teig et al.	Continuation of parent 2002/0100007
	8.	2002/0124231 S/N 09/739,580	12-15-2000	Steven Teig et al.	Continuation of parent 2002/0100007.
	9.	Preliminary Amendment S/N 09/739,580	12-15-2000	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0124231 does not accurately reflect the claims of S/N 09/739,580.
	10.	S/N 09/742,171.	12-19-2000	Steven Teig et al.	Continuation of parent 2002/0100007.
	11.	2003/0121015 S/N 09/745,067	12-19-2000	Steven Teig et al.	Continuation of parent 2002/0100007.
	12.	Preliminary Amendment S/N 09/745,067	12-19-2000	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0121015 does not accurately reflect the claims of S/N 09/745,067.
	13.	2002/0069397	01-13-2002	Steven Teig et al.	CIP of parent 2002/0100007.
	14.	2002/0170027	02-20-2002	Steven Teig et al.	CIP of parent 2002/0100007.
	15.	2002/0157075	02-20-2002	Steven Teig et al.	CIP of parent 2002/0100007.

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Sheet

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Application Number	09/739,589
Filing Date	12/15/00
First Named Inventor	Steven Teig
Group Art Unit	2811
Examiner Name	A.M. Thompson
Attorney Docket Number	SPLX.P0014

**RELATED U.S. PATENT DOCUMENTS**

16.	2003/0088841 S/N 10/329,241	12-23-2002	Steven Teig et al.	CIP of 2002/0133798
17.	Preliminary Amendment S/N. 10/329,241	12-23-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0088841 does not accurately reflect the claims of S/N 10/329,241.
18.	2003/0079193	12-07-2001	Steven Teig et al.	Application regarding related routing technology
19.	2003/0018947	12-07-2001	Steven Teig et al.	Application regarding related routing technology
20.	2002/0147958	10-19-2001	Steven Teig et al.	Application regarding related routing technology
21.	2003/0063614	01-04-2002	Steven Teig et al.	Application regarding related routing technology
22.	2003/0064559	01-04-2002	Steven Teig et al.	Application regarding related routing technology
23.	2003/0063568	01-04-2002	Steven Teig et al.	Application regarding related routing technology
24.	2003/0101428 S/N 10/040,915	01-05-2002	Steven Teig et al.	Application regarding related routing technology
25.	Preliminary Amendment S/N 10/040,915	01-05-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0101428 does not accurately reflect the claims of S/N 10/040,915.
26.	2002/0166105 S/N 10/040,948	01-05-2002	Steven Teig et al.	Application regarding related routing technology
27.	Preliminary Amendment S/N 10/040,948	01-05-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0166105 does not accurately reflect the claims of S/N 10/040,948.
28.	2003/0023943 S/N 10/040,954	01-05-2002	Steven Teig et al.	Application regarding related routing technology
29.	Preliminary Amendment	01-05-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0023943 does not

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			First Named Inventor	Steven Teig	
			Group Art Unit	2811	
			Examiner Name	A.M. Thompson	
Sheet	3	of	4	Attorney Docket Number	SPLX.P0014

## RELATED U.S. PATENT DOCUMENTS

	S/N 10/040,954			accurately reflect the claims of S/N 10/040,954.
30.	2003/0043827 S/N 10/040,953	01-05-2002	Steven Teig et al.	Application regarding related routing technology
31.	Preliminary Amendment S/N 10/040,953	01-05-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0043827 does not accurately reflect the claims of S/N 10/040,953.
32.	2003/0066042 S/N 10/040,963	01-05-2002	Steven Teig et al.	Application regarding related routing technology
33.	Preliminary Amendment S/N 10/040,963	01-05-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0066042 does not accurately reflect the claims of S/N 10/040,963.
34.	2002/0174412 S/N 10/041,942	01-07-2002	Steven Teig et al.	Application regarding related routing technology
35.	Preliminary Amendment S/N 10/041,942	01-07-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0174412 does not accurately reflect the claims of S/N 10/041,942.
36.	2003/0088844 S/N 10/041,957	01-07-2002	Steven Teig et al.	Application regarding related routing technology
37.	Preliminary Amendment S/N 10/041,957	01-07-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0088844 does not accurately reflect the claims of S/N 10/041,957.
38.	2002/0199165 S/N 10/046,864	01-13-2002	Steven Teig et al.	Application regarding related routing technology. Also, CIP of parent application 2002/0100007
39.	Preliminary Amendment S/N 10/046,864	01-13-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2002/0199165 does not accurately reflect the claims of S/N 10/046,864.
40.	2003/0066043	01-13-2002	Steven Teig et al.	Application regarding related routing

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				Attorney Docket Number	SPLX.P0014

## RELATED U.S. PATENT DOCUMENTS

41.	2003/0115566	01-13-2002	Steven Teig	technology Application regarding related routing technology
42.	2003/0056187 S/N 10/047,982	01-14-2002	Steven Teig et al.	Application regarding related routing technology. Also, CIP of parent application 2002/0100007
43.	Preliminary Amendment S/N 10/047,982	01-14-002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0056187 does not accurately reflect the claims of S/N 10/047,982
44.	2003/0066044	01-13-2002	Steven Teig et al.	Application regarding related routing technology
45.	2003/0066045	01-13-2002	Steven Teig et al.	Application regarding related routing technology
46.	2003/0088845 S/N 10/047,978	01-13-2002	Steven Teig et al.	Application regarding related routing technology. Also, CIP of parent application 2002/0100007
47.	Preliminary Amendment for S/N 10/047,978	01-13-2002	Steven Teig et al.	This Preliminary Amendment is submitted as the publication 2003/0088845 does not accurately reflect the claims of S/N 10/047,978.

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